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XAV-602BT

Smartphone connected 6.1" AV Receiver

Control select smartphone features and apps directly from your car stereo receiver using MirrorLink™ technology[8], or use the new App Remote™ feature for 2-way control of apps and voice control with your smartphone[10]. Elevate your mobile experience with Bluetooth® technology[6], SiriusXM™ compatibility[5], Pandora® app control[7], dual USB

Bullets

- Detachable double DIN 6.1" WVGA Touch Screen Display
- MirrorLink™ enabled smartphone connectivity[8]
- App Remote™ for iPhone® Android™ smartphones
- Integrated Bluetooth® with Simple Secure Pairing[6]
- Front rear USB in for iPod®[3], iPhone®[3] USB devices[2]
- Pandora® internet radio control[7]
- TomTom® Navigation direct control (optional XA-NV300T)
- 5V front, rear and sub pre-amp out with HPF/LPF
- Firmware upgradable through the USB input
- 2 year warranty
- Passenger App Control for iPod®[3] and iPhone®[3]
- iPod®[3] and iPhone®[3] playback (with optional RC-202IPV)
- Advanced user interface with 3D screen visualizers
- DVD/CD and multiple digital file[1] playback
- SiriusXM™ satellite radio connector ready[5]
- Dynamic Color Illuminator®
- ZAPPIN® music search feature
- Advanced Sound Engine with EQ7, iTA, CSO and RBE
- Dynamic Reality Amp with 52 Watts x 4 High Power
- Zone x Zone source output for rear seat entertainment
- 2 rear AV inputs and rear camera input
- SensMe® app creates music channels for your mood[7]
- Digital Clarity Tuner with RDS
- External Hands Free mic included
- Convenient wireless remote (RM-X271)
- Steering wheel remote control input ready[9]

Features

6.1" Touch Screen Display

The detachable, high-resolution TFT (WVGA) 6.1" touch screen display will inform and entertain you. Gesture command and on-screen touch buttons make everything easier to control and separate audio and video power supply circuits provide added clarity. A carry case is also included to store the faceplate.

MirrorLink™ smartphone connectivity[8]

MirrorLink™ technology[8] offers seamless connectivity between MirrorLink enabled smart phones and your XAV-602BT receiver. The technology is extremely simple to use: approved applications, content and controls are mirrored from the smartphone onto the receiver.

Easily access select smartphone apps[10]

The updated App Remote™ feature combines music select smartphone apps[10] into a single source list that can be safely displayed controlled directly from your receiver. App content is displayed on your smartphone while audio content plays through your speakers. You can control select sound settings directly from your smartphone. For Android™ users, App Remote can also be voice controlled and even read or respond to texts.

Integrated Bluetooth® technology[6]

Easily take calls and stream audio with the XAV-602BT receiver featuring Bluetooth® technology[6]. Connect to compatible devices and choose between hands free phone access, phonebook access, Pandora® internet radio control[7] or audio streaming.

Dual USB 1-Wire Inputs[2]

Connect, control and charge your Walkman®, iPod®[3], iPhone®[3] or other compatible USB devices[2] while accessing your digital music files using the USB inputs. Use the convenient front USB input for 0.5 amp charging and connect to the rear USB input for hi-current 1.5 amp charging. You can also view metadata like song title and artist on the front display.

Pandora® Internet Radio Control[7]

Pandora® is the leading internet radio service, giving people music they love anytime, anywhere, through personalized radio stations. The XAV-602BT provides complete access to your Pandora account using your iPhone®, Android™ or Blackberry® phones[7].

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Optional TomTom® navigation control

Connect the optional XA-NV300T TomTom® navigation system and you'll have continuous access to TomTom's intuitive user interface and world-class mapping technologies, including IQ Routes, the world's biggest real travel time database. You'll never worry about network connections or data costs because the system works independent of your phone.

5V RCA outputs for system expansion

When you're ready to expand your system, the XAV-602BT delivers a robust 5 volts to front, rear and subwoofer RCA pre-amp outputs for external amplifiers. The adjustable subwoofer level control also lets you dial in the bass when you're ready to pump it up.

Firmware upgradable with USB input

Easily upgrade the XAV-602BT's firmware. Use a PC to download updates from Sony® support to a flash drive and load them on your receiver via the USB input.

2 year warranty

The XAV-602BT includes a comprehensive 2 year warranty.

Passenger App Control[3]

Connect your iPhone® or iPod® Touch via the optional RC-202IPV cable to display compatible app content on the XAV-602BT receiver's display and control the app directly from your iPhone or iPod Touch with passenger app control[3].

iPod® and iPhone® content playback[3]

Playback audio/video from most iPod®[3] models via the optional RC-202IPV video cable. Also view stored album artwork during audio playback on the screen of the XAV-602BT receiver.

Advanced Response User Interface

Select between 2D or 3D icons and screen visualizers and enjoy fast touch screen response when selecting sources, transitioning between menu screens and searching through your USB music content.

Plays DVDs/CDs and digital files[1]

Multi-format playback[1] lets you play most MP3, WMA, AAC music files, JPEG's or MP4 videos.

SiriusXM™ Satellite radio ready[5]

The on-board SiriusXM™ connector[5] simplifies satellite radio installation by eliminating compatibility issues and providing direct connection to the new platform of tuners.

Variable Color Illumination

Match your radio's button illumination with over 35,000 colors to complement your existing vehicle lighting components with the Dynamic Color Illuminator®.

Intuitive ZAPPIN® search feature

Use the ZAPPIN® feature can play 6, 15, or 30 second intro clips to help you find a specific song.

Custom sound settings with EQ7

The Advanced Sound Engine uses EQ7 equalizer, adjustable LPF/HPF crossovers, Listener Position calibration, Rear Bass Enhancer, and Dynamic Loudness volume leveler to deliver an impressive listening experience.

Powerful in-dash amplification

The internal Dynamic Reality Amp delivers 52 watts x 4 to your interior speakers, allowing you to crank up the volume while maintaining low distortion, low noise levels and smooth frequency response. Your music isn't just louder, its clearer too.

Zone x Zone for rear seat playback

Zone by Zone control allows users to independently select between sources for the front seat passengers while enabling separate DVD playback for rear seat passengers when connected to additional rear seat video monitors (sold separately).

Auxiliary Audio/Video inputs

Two dedicated rear auxiliary AV inputs provide additional AV source playback and a dedicated connection for a rear view camera (sold separately) for visibility when backing up, especially with larger trucks or SUVs.

SensMe® Music App

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SensMe® application can organize your music into playlists that perfectly match your mood, scene and location, making it easier to choose the music that fits the moment. SensMe uses proprietary 12-tone analysis to look at tempo, rhythm ratios and number of notes to help differentiate similar music files.

The immaculate reception

The Digital Clarity Tuner delivers industry leading signal to noise ratios, lower interference, better multipath rejection and better stereo separation. The RDS feature displays broadcast information when listening to compatible AM/FM stations.

Hands Free with noise cancelling

The included hands-free microphone and integrated echo and noise canceling circuitry assure your conversations are clear.

Convenient wireless remote included

Control your receiver with the included wireless card remote (RM-X271).

Steering wheel control ready input[9]

This receiver is compatible with aftermarket remote control adapters[9] designed to utilize the vehicles existing, primary radio controls directly from the steering wheel. The 1/8" rear panel mounted remote input jack allows for simple connectivity.

Specifications

Max power output	52 watts x 4 at 4 ohms
Power Ad Hoc	CEA2006 Standard Power: 17 Watts RMS per channel into 4 Ohms, 4 channels driven from 20 Hz to 20 kHz with less than 1% THD+N.
Speaker Impedance	4-8 Ohms

Aux-In	Yes (Rear A/Vx2)
EQ	EQ7: 7 band EQ with +/- 6 dB adjustment at 63 Hz, 160 Hz, 400 Hz, 1000 Hz, 2.5 kHz, 6.3 kHz and 16 kHz.
High Pass Filter	Selectable on/off at: 50, 60, 80, 100 or 120 Hz.
High Voltage Pre Out	Yes - 5 volt
Low Pass Filter	Selectable on/off at: 50, 60, 80, 100 or 120 Hz.
Output Power (4ohm, 1kHz,16V) (W)	52 watts x 4
Pre Out	(3) Front, Rear and Sub
Rear Bass Enhancer	Yes
Sirius/XM Connector	Yes
Sub Out	Yes
Time Alignment Custom	Adjustable
Time Alignment Preset	Yes
USB	Front Rear

Band	AM / FM
Equalizer	EQ7: 7 band EQ with +/- 6 dB adjustment at: 63, 160, 400, 1000, 2500, 6300 and 16000 Hz
Format(s) Supported	MP3/WMA/AAC/JPEG/MP4/XviD files[1]
Frequency Response	DVD / CD: 10-20,000 Hz

Preout Impedance	100 ohms
Preout Voltage	5 volt
S/N Ratio	Audio Power: CEA2006 S/N 80 dBA
Signal-to-Noise Ratio (dB)	DVD/CD Player: 120dB
Station Preset(s)	18 FM / 12 AM
Tuner Frequency Range	FM: Tuner Frequency Range(MHz): 87.5-107.9 AM: Tuner Frequency Range(kHz): 530-1710
Tuner Type	Digital clarity tuner with RDS
Wow and Flutter	Below measurable limit

Level Adjustment	-8dB / +18dB

# of records connected	9 (HFP+Audio)
Call History (# of)	Yes (20 numbers)
Call history browse with PBAP	Yes
Call Volume Level Control	Yes
Connection Status (maximum #)	2 devices (1HFP/PBAP+1Audio) or (1 OPP)
DTMF	Yes
Echo/Noise Canceller	Yes (EC/NC Mode)
External microphone	Supplied
Internal Ringtone	1 (Sony Ericsson PCM)
Last dialed call	Yes (select from the dialed call history)
MIC GAIN Adjustment	Low/Mid/High
Phonebook (Built in)	3000 numbers: 1000 contacts/3 numbers each
Phonebook Access via PBAP	Yes
RF ON/OFF	Yes

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ring alert select	Yes (Selectable: cellular/ default (Head Unit))
ring volume level control	Yes
speed dial	Yes (6x1=6 memories)
TEL out channel	Front

Audio Codec	SBC/MP3
Audio Level Adjustment	Yes (-8dB to +18dB)
CUE/REV	yes
Meta Data Indication	yes
PAUSE	Yes
TRACK +/-	Yes

Secure Simple Pairing	yes
Version	Bluetooth Version 2.1

Tilt Range	0-45° mounting angle

CD Text Display	CD/MP3/WMA/AAC data displayed
Dimmer Adjust	Selectable Auto/on/off
Key Illumination	Variable Key Illumination
On-Screen Clock	12H

Display Color	Black / Variable Color
Display Technology	TFT (WVGA)
Text Displayed	Source, artist, album, track, playback time, menu and clock

Auto off mode	Yes
Dimmer Adjust	Auto
Key Illumination Initial	Variable
Multi Language	Yes

Display Device (LCD/FL/OEL/TFT)	TFT / WVGA
Key Illumination	Variable
Panel finish color	Piano Black
USB Shutter	Yes

CODEC (for USB)	MP3, WMA, AAC
Jump Mode	Yes
List Browsing (Folders/Files)	Yes
Pause	Yes
Repeat	OFF/ TRACK/ ALBUM
Resume Play	Yes

Shuffle	OFF/ON
ZAPPIN	Yes

CEA2006 output power	17
CEA2006 S/N	80
Maximum output power (4ohm, 1kHz, 16V)(W)	52
Preout impedance (ohms)	100
Preout output level (V)	5

12V Trigger Output(s)	Power remote on
Antenna Terminal(s)	AM/FM Antenna Input Terminal
Audio In	Rear Aux inputs with variable level Front Rear USB input SiriusXM™ connector
Digital Audio Input(s)	Ability to use all forms of USB devices may vary as not all devices are compatible. This unit is compliant with MSC (Mass Storage Class) and MTP (Media Transfer Protocol) type USB devices compliant with the USB standard. This unit cannot recognize USB devices via a USB hub. This unit can be connected to the following iPods. Update your iPod to the latest software before you use it. iPod Nano 1st - 6th generation iPod Touch 1st - 4th generation iPod Classic iPod with video iPhone iPhone 3G iPhone 3GS iPhone 4 iPhone 4S iPhone 5 If you have any questions or problems concerning your unit that are not covered in the owners manual, consult your nearest Sony dealer.
Infrared Port	Wireless remote
RCA Audio Output(s)	Front, Rear, and Subwoofer RCA pre-amp outputs
Remote Jack	Optional wired remote terminal
USB Port(s)	Front Rear

Accessory Information	Yes
CODEC (for iPod)	Depend on iPod® content
Pandora Link (USB)	Yes
Passenger Control	Yes
Pause	Yes
Repeat	Track, Album, Artist, Playlist, Genre, Podcast
Resume Play	Yes
Shuffle	Track, Album, Artist, Playlist, Genre, Podcast

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ZAPPIN	Yes

USB Mass Storage Device	Yes

Device Name	Sony Automotive
Pandora Link (BT)	Yes
SMS Indication	Yes: for Android™ only
Card Remote ( ): Option	RM-X271
Clock	12H
Rotary commander ( ):Option	Yes
Security	Detachable face

A2DP	Yes
AVRCP	Yes(1.3)
HFP	Yes
OPP	Yes
PBAP	Yes
SPP	Yes

FM Usable Sensitivity	8 dBf
Frequency Response	20 - 15k
S/N Ratio	80 dB (mono)
Selectivity	75 dB at 400 kHz
Stereo Separation	50 dB at 1 kHz
FM: Channel separation (dB)	50 dB at 1 kHz
FM: Frequency response (Hz)	20 - 15k

FM: Intermediate frequency (MHz)	25 KHz
FM: S/N ratio (mono) (dB)	80 dB (mono)
FM: Selectivity (400 kHz) (dB)	75 dB
FM: Tuning range (MHz)	87.5-107.9
FM: Usable sensitivity (75 ohm) (dBf)	8 dBf
MW: Tuning range(kHz)	530-1710
MW/LW/SW: Sensitivity (75 ohm) MW/LW/SW(uV)	26/-/-

Preset	FM 18 / AM 12
RDS/EON (NA Only:RBDS, Others:RDS)	Yes

Panel Type	6.1" TFT Active Matrix LCD Color Monitor
Picture Modes	Normal, Wide, Full and Zoom
Resolution	800 x 480

Color System	NTSC / PAL / SECAM / PAL-M

Optional Accessories	USB connection cable for iPod®: RC-100IP SiriusXM™ Connect tuner: SXV100 Navigation Module: XA-NV300T

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1. Not all files may play back due to file variations. Copy-protected ACC-LC files not supported.

2. Not all USB devices are compatible. Consult www.esupport.sony.com for complete details.

3. Works with iPod® with video, iPod Classic®, iPod nano® (1st - 7th gen.), iPod Touch® (1st -5th gen.), iPhone®, 3G, 3GS, 4, 4S and 5 via USB input, cable sold separately. Passenger control not available for iPod nano® 1st gen. or iPod with video. Lightning™ connector devices only compatible with audio playback.

4. Works with iPhone® 3G, 3GS, 4 and 4S via USB input, cable sold separately.

5. Requires satellite radio tuner and service subscription, sold separately.

6. Interoperability and compatibility among Bluetooth® devices vary.

7. Works with iPhone® 3G, 3GS, 4, 4S and 5 via USB port, and compatible Blackberry® and Android™ based smartphones via Bluetooth®.

8. MirrorLink™ enabled smartphone required. MirrorLink is a technology standard developed by the Car Connectivity Consortium (CCC) that allows consumers to use their smartphone in a car without looking at or touching their phone. The technology achieves this through two-way communication between the smartphone and the in-vehicle infotainment system. CCC-approved applications and content are mirrored from the mobile device onto the automotive in-dash receiver.

9. Compatibility varies as not all vehicles are compatible; please consult with each interface manufacturer for details.

10. Requires download of free Sony App Remote™ app for iPhone® from the App Store or for Android™ from Google Play. Users must link compatible apps to the App Remote application on their phone in order to play the audio signal on the Sony receiver.

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